Can Berk Kalayci

List of Publications by Year
in descending order

29 papers	1,681 citations	430874 18 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	979 citing authors

#	Article	IF	Citations
1	Artificial bee colony algorithm for solving sequence-dependent disassembly line balancing problem. Expert Systems With Applications, 2013, 40, 7231-7241.	7.6	150
2	A particle swarm optimization algorithm with neighborhood-based mutation for sequence-dependent disassembly line balancing problem. International Journal of Advanced Manufacturing Technology, 2013, 69, 197-209.	3.0	139
3	Disassembly line balancing problem: a review of the state of the art and future directions. International Journal of Production Research, 2019, 57, 4805-4827.	7.5	136
4	A hybrid genetic algorithm for sequence-dependent disassembly line balancing problem. Annals of Operations Research, 2016, 242, 321-354.	4.1	134
5	An ant colony system empowered variable neighborhood search algorithm for the vehicle routing problem with simultaneous pickup and delivery. Expert Systems With Applications, 2016, 66, 163-175.	7.6	126
6	A perturbation based variable neighborhood search heuristic for solving the Vehicle Routing Problem with Simultaneous Pickup and Delivery with Time Limit. European Journal of Operational Research, 2015, 242, 369-382.	5.7	112
7	A comprehensive review of deterministic models and applications for mean-variance portfolio optimization. Expert Systems With Applications, 2019, 125, 345-368.	7.6	112
8	A survey of swarm intelligence for portfolio optimization: Algorithms and applications. Swarm and Evolutionary Computation, 2018, 39, 36-52.	8.1	109
9	Multi-objective fuzzy disassembly line balancing using a hybrid discrete artificial bee colony algorithm. Journal of Manufacturing Systems, 2015, 37, 672-682.	13.9	102
10	Ant colony optimization for sequence-dependent disassembly line balancing problem. Journal of Manufacturing Technology Management, 2013, 24, 413-427.	6.4	96
11	A tabu search algorithm for balancing a sequence-dependent disassembly line. Production Planning and Control, 2014, 25, 149-160.	8.8	90
12	An artificial bee colony algorithm with feasibility enforcement and infeasibility toleration procedures for cardinality constrained portfolio optimization. Expert Systems With Applications, 2017, 85, 61-75.	7.6	58
13	A two-phase variable neighbourhood search algorithm for assembly line worker assignment and balancing problem type-II: an industrial case study. International Journal of Production Research, 2016, 54, 722-741.	7.5	57
14	A variable neighbourhood search algorithm for disassembly lines. Journal of Manufacturing Technology Management, 2015, 26, 182-194.	6.4	48
15	A parallel variable neighborhood search algorithm with quadratic programming for cardinality constrained portfolio optimization. Knowledge-Based Systems, 2020, 198, 105944.	7.1	42
16	Soft computing methods for fatigue life estimation: A review of the current state and future trends. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 2763-2785.	3.4	41
17	An efficient hybrid metaheuristic algorithm for cardinality constrained portfolio optimization. Swarm and Evolutionary Computation, 2020, 54, 100662.	8.1	31
18	Simulated Annealing Algorithm for Solving Sequence-Dependent Disassembly Line Balancing Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 93-98.	0.4	23

#	Article	IF	Citations
19	Bee colony intelligence in fatigue life estimation of simulated magnesium alloy welds. International Journal of Fatigue, 2019, 127, 36-44.	5.7	15
20	A Simulated Annealing Algorithm for Balancing a Disassembly Line. , 2012, , 714-719.		15
21	A review on the current applications of genetic algorithms in mean-variance portfolio optimization. Pamukkale University Journal of Engineering Sciences, 2017, 23, 470-476.	0.4	15
22	Balancing a sequence-dependent disassembly line using simulated annealing algorithm. Applications of Management Science, 2013, , 81-103.	0.3	10
23	Variable Neighborhood Search for the Two-Echelon Electric Vehicle Routing Problem with Time Windows. Applied Sciences (Switzerland), 2022, 12, 1014.	2.5	7
24	Classification of raw cow milk using information fusion framework. Journal of Food Measurement and Characterization, 2021, 15, 5113.	3.2	4
25	A novel metaheuristic for traveling salesman problem: blind mole-rat algorithm. Pamukkale University Journal of Engineering Sciences, 2016, 22, 64-70.	0.4	3
26	An integrated mathematical model for the milk collection problem. Pamukkale University Journal of Engineering Sciences, 2019, 25, 1087-1096.	0.4	2
27	Modelling and solving the milk collection problem with realistic constraints. Computers and Operations Research, 2022, 142, 105759.	4.0	2
28	A Variable Neighborhood Search Algorithm for Cost-Balanced Travelling Salesman Problem. Advances in Intelligent Systems and Computing, 2021, , 23-36.	0.6	1
29	Particle swarm optimization algorithm for mean-variance portfolio optimization: A case study of Istanbul Stock Exchange. Pamukkale University Journal of Engineering Sciences, 2018, 24, 124-129.	0.4	0